SUBSTITUTE SPECIFICATION

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DEVICE FOR DETECTING SLOPE OF VEHICLE OR THE LIKE

BACKGROUND OF THE INVENTION

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This invention relates to a device for detecting a slope traveled by vehicles such as a car, train or the like.

In order to detect whether the moving object such as the car, train or the like passes over the sloped road, the acceleration sensor of one axis is used and the slope is detected by the conventional car navigation system.

Therefore, although the acceleration sensor correctly detects the slope traveled by the moving objects such as the conventional car and a train during running the vehicles at a constant speed, the slope cannot be measured correctly since acceleration followed in acceleration-deceleration.

SUMMARY OF THE INVENTION

Accordingly, it is an object of the invention to provide a device that can detect the slope of a vehicle or the like in acceleration-deceleration as well as during running the vehicles at a constant speed.

Novel features which are believed to be characteristic of the invention, both as to its organization and method of operation, together with further objects and advantages thereof, are described below with reference to the accompanying drawings in which preferred embodiments of the invention are illustrated as an example.